

## REMARKS

In the Office Action, the Examiner rejected claims 2 and 4 under the second paragraph of section 112, rejected claims 1, 2 and 5 as anticipated by Prashant et al., rejected claim 3 as obvious over Prashant in view of Gamma et al., rejected claim 4 as obvious over Prashant in view of Schmidt, and made additional prior art of record but not relied upon.

### 35 USC §112, 2<sup>nd</sup> ¶

The claims 2 and 4 have been amended to address the section 112 rejection. Withdrawal of the rejection is hereby requested.

### 35 USC §102

Although Prashant shows a constituent part of the present invention, Applicant submits that it is only a minor implementation detail. The instant patent application is directed to an invention that, as a whole, is an “executable runtime infrastructure for hosting components” and is also resolved into thirteen sub-parts (see p.23 of the application), all of which contribute to a new, inventive and, thus, protectable unit.

1) The service configurator mentioned by Prashant is an implementation detail in order to load services into a program. This aspect (specifically claim 2 and partially in claim 5 but not in claim 1) could also be implemented in some other way, for example by static configuration or a simple repository (both are shown in the prior art) and is thus not decisive for recognizing the patentability of the instant patent application.

2) The part “ATOMIC” that is cited in the patent application and that corresponds to US Patent No. 6,012,081 is utilized for the anonymous and asynchronous communication between the components being run in the generic main program.

3) The part “SESAM” that is cited in the patent application and that likewise corresponds to US Patent No. 6,275,871 inventively serves for the asynchronous method call between the components being run as well as for the asynchronous, hierarchic event distribution (timer, notification, job completion) within and between the components in the generic main program.

4) The “Framework Connector” is employed for the asynchronous inter-framework communication at the one side and for the duality of the “generic container” (Message Pump Interconnection). In other words, the container can be variably employed in terms of runtime both in the role of a User Interface Container (then hosts UI components) as well as in the role of a Business Logic Container (then hosts Business Logic components) or, on the other hand, in a mixture of the two (then hosts both types of components).

5) The inventive part “Remote Control of Services via Service Configuration Manager” is utilized for generating a configuration datafile in an active “generic container” and, thus, for describing services or components in an active “generic container” (see page 8, bottom, of the present application). For this, the “Service Configuration Manager” administers configuration datafiles that in turn reference the components (services). A line respectively corresponds to a component.

6) The “Process Manager” is employed for monitoring all “generic containers” active in a system and for activating the loading of services or components into an active “generic container” (page 21, bottom, of the present application). For this, the “Service Configuration Manager” administers configuration datafiles that in turn reference the components (services).

7) The binary executable itself that, among other things, contains the components recited in new patent claim 6.

Thus, the claimed invention is not shown in the cited Prashant reference.

### **35 USC §103**

Even when the Prashant reference is considered in combination with the secondary references, there is not teaching or suggestion that would lead the person of ordinary skill in the art to the present invention.

Thus, all pending claims in the present application are allowable and early allowance of the present application is hereby requested.

### **Conclusion**

Early reconsideration and allowance of the present application in view of the foregoing is hereby requested.

Respectfully submitted,



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VERSION MARKED TO SHOW CHANGES

The claims have been amended as follows:

2.(Amended) An object oriented computer program as claimed in claim 1, wherein  
said configuration component includes

a service configurator for creating service objects by activation of DLLs,  
a service dispatcher that communicates with a network on behalf of the configuration  
component,

a service manager that communicates with said service dispatcher for service  
registration and handling, and

a service repository that communicates with said service configurator for insertion of  
the object.

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4.(Amended) An object oriented computer program as claimed in claim 1, wherein  
said framework connector includes

a socket for communication over machine boundaries, said socket including  
communications links to remote networks,

a upipe for internal communication, said upipe including communications links  
withing a component, and

an npipe for communication between components, said npipe including  
communications links to other components.